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Census File Number

Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997

INSTRUCTIONS

- 1. General** – The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in item 18B. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies which are not listed, describe and report them in the "Cost of all other materials . . . " line at the end of this section. If you consumed less than \$25,000 of a listed material, include the value with "Cost of all other materials . . . ," Census material code 970099 8.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

Materials received from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).

If purchases or transfers do not differ significantly from the amounts actually put into production, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory.

3. Contract Work – Include as materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in item 10, line e, and should include freight in and out. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

- 4. Resales** – Cost for products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should be reported in item 10, line b, not in item 17 below. The value of these products shipped by this establishment should be reported in item 18B under Census product code 99989 00 6, "Resales."

Line No.	Materials, parts, and supplies			Census material code	Unit of measure for quantities	Basis	Consumption of purchased materials and of materials received from other establishments of your company			
							Quantity	Cost, including delivery cost (freight-in)		
	(A)			(B)	(C-1)	(C-2)	(D)	(E)		
				571			573	574	Thou-	Dollars
								Millions	sands	
1	Synthetic Organic Chemicals	CYCLIC CRUDES AND INTER-MEDIATES	Styrene	286516 0	↑	↑		\$		
2			Phenol	286513 7	↓	↓				
3			Other, including melamine, phthalic anhydride, and benzene	286581 4						
4		Synthetic organic pigments, lakes, and toners		286535 0	↑	↑				
5		OTHER SYNTHETIC ORGANIC CHEMICALS	Acrylates and methacrylates, monomers	286925 3	↑	↑				
6			Alcohols, except ethyl	286920 4	↓	↓				
7			Formaldehyde	286923 8						
8			Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.)	286933 7						
9			Vinyl acetate, monomer	286927 9	↑	↑				
10			Vinyl chloride, monomer	286928 7	↓	↓				
11			Other synthetic organic chemicals, including acrylonitrile, cellulose acetate	286081 5						

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Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued										
Line No.	Materials, parts, and supplies			Census material code	Unit of measure for quantities	Basis	Consumption of purchased materials and of materials received from other establishments of your company			
							Quantity	Cost, including delivery cost (freight-in)		
								(E)		
	571	573	574		Thou-	Dollars				
	(A)	(B)	(C-1)	(C-2)	(D)	Millions	sands			
12	Hydrocarbons Used as Raw Materials or Feedstocks (Report hydrocarbons used for fuel or energy on item 10, line c)	REFINED PETROLEUM PRODUCTS	Ethane	2911A1 3	↑ Thousand pounds ↓					
13			Ethylene	2911A2 1						
14			Propane	2911A3 9						
15			Propylene	2911A4 7						
16			Butadiene	2911A7 0						
				Other refined petroleum products, including butane, isobu-tane, butylene, isobutylene, petroleum naptha, and gas oils	2911A8 8					
17										
18		Other hydrocarbons, including crude oil, natural gas, and still gas	190002 6							
19	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and shapes			282104 9	Thousand pounds					
20	Inorganic chemicals - <i>Specify kind</i>			281981 1						
21	Carbon black			289501 9	Thousand pounds					
22	Paper and paperboard containers, including ship-ping sacks and other paper packaging supplies			260091 4						
23	Cost of all other materials and components, parts, containers, and supplies consumed			970099 8						
	Describe the principal materials, etc., included in this value.									
24	TOTAL Sum of lines 1–23 should equal item 10, line a							\$		

Item 18A – Not applicable to this report

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997	
INSTRUCTIONS	
<p>1. General – The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of item 18B. PLEASE DO NOT COMBINE PRODUCT LINES.</p> <p>If quantities are requested, please use the unit of measure specified.</p> <p>If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.</p>	<p>If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.</p>
<p>2. Valuation of Products – Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.</p>	<p>3. Contract Work – Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census product code 93000 00 8.</p>
	<p>4. Resales – Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under Census product code 99989 00 6, "Resales."</p>

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued

Line No.	Products and services			Census product code	Products shipped and other receipts			
					Quantity (<i>Thousand pounds</i>)	Value, f.o.b. plant (E)		
						584		Thou- sands
		(A)		(B)	(D)	Millions		
1	RESINS AND PLASTICS MATERIALS	Thermoplastic resins and plastics materials		28213 00 7		\$		
2		Thermosetting resins and plastics materials		28214 00 5				
3	SYNTHETIC RUBBER (Vulcanizable elastomers)	SBR (Styrene-Butadiene Rubber), except latex		28220 11 9				
4		SBR latex		28220 12 7				
5		Nitrile rubber, including latex		28220 40 8				
6		Butyl, polychloroprene, and stereo polyisoprene elastomers, including latex		28220 45 7				
7		Stereo polybutadiene elastomers, including latex		28220 50 7				
8		Ethylene-propylene elastomers, including latex		28220 57 2				
9		Silicone		28220 60 6				
10		Other elastomers, except thermoplastic elastomers, including latex		28220 72 1				
11		Thermoplastic elastomers		28220 82 0				
12	Surfactants (bulk surface active agents other than sulfonated oils and fats) (emulsifiers, penetrants, wetting agents, etc.)			28430 85 8				
13	Cyclic (coal tar) intermediates			28651 00 8				
14	Rubber processing chemicals			28693 31 5				
15	Plasticizers			28693 51 3				
16	Miscellaneous end-use chemicals and chemical products			28696 00 3				
17	MISCELLANEOUS CYCLIC AND ACYCLIC CHEMICALS AND CHEMICAL PRODUCTS (28697)	Flouorocarbon gases		28697 11 8				
18		Carbon bisulfide (disulfide)		28697 13 4				
19		Fatty acid esters		28697 15 9				
20		Other – <i>Specify kind</i>		28697 19 1				
21	SYNTHETIC RESIN AND RUBBER ADHESIVES	Polyvinyl acetate adhesives		28914 37 2				
22		Epoxy adhesives		28914 11 7				
23		Hot-melt adhesives, including polyamide, polyolefin, and other hot melts		28914 65 3				
		All other synthetic resin and rubber adhesives – <i>Specify kind</i>						
24				28914 00 0				
25	Plastics Products	FILM AND SHEET, UN-SUPPORTED	Vinyl and vinyl copolymer	30810 40 2				
26			Other	30810 00 6				
		Plastics foam products						
27		Polystyrene value _____ Polyurethane value _____		30860 00 1				
28		Custom compounding of purchased resins		30870 12 5				
29		Color concentrates		30870 13 3				

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued										
Line No.	Products and services		Census product code	Unit of measure for quantities	Products shipped and other receipts					
					Quantity		Value, f.o.b. plant (E)			
	581	583	584							
	(A)	(B)	(C)	(D)	Millions	Thou-sands	Dollars			
30	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT	Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. Specify unit of measure for quantity. For all remaining products, write "Other" and report a single total value.								
			18			\$				
			26							
			34							
			42							
			59							
			67							
			75							
			83							
			91							
		39	RECEIPTS FOR CONTRACT WORK	Receipts for work done for others on their own materials Describe below products worked on and kind of work.	93000 00 8					
40	MISCELLANEOUS RECEIPTS	Sales of scrap, refuse, electricity, and other miscellaneous receipts (including receipts for repair work, etc.)	99980 00 5							
41	RESALES	Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such items should be reported in item 10, line b.	99989 00 6							
42	TOTAL value of shipments and other receipts Sum of lines 1–41, column (E)		77000 00 8			\$				
Items 19–21 – Not applicable to this report										
REMARKS – Please use this space for any explanations that may be essential in understanding your reported data.										
Item 22. CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.										
Name of person to contact regarding this report (Print or type)			Telephone	Area code	Number		Extension			
667	1			2						
Name of company				Address (Number and street, city, State, ZIP Code)						
Period covered		FROM: Month	Day	Year	TO: Month		Day	Year		
		666	1		2					
Signature of authorized person				Title				Date		